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1 [Evolving a language in and for the real world: C++ 1991-2006](#)



Bjarne Stroustrup

June 2007 HOPL III: Proceedings of the third ACM SIGPLAN conference on
History of programming languages

Publisher: ACM

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This paper outlines the history of the C++ programming language from
the early days of its ISO standardization (1991), through the 1998 ISO
standard, to the later stages of the C++0x revision of that standard
(2006). The emphasis is on the ideals, constraints, ...

Keyw ord s: C++, ISO, STL, evolution, history, language use, libraries,
multi-paradigm programming, programming language, standardization

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2 [Java takes flight: time-portable real-time programming with exotasks](#)



Joshua Auerbach, David F. Bacon, Daniel T. Ierican, Christoph M. Kirsch, V. T.
Rajan, Harald Roeck, Rainer Trummer

July 2007 ACM SIGPLAN Notices, Volume 42 Issue 7

Publisher: ACM

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Existing programming methodologies for real-time systems suffer from a
low level of abstraction and non-determinism in both the timing and the
functional domains. As a result, real-time systems are difficult to test and
must be re-certified every time ...

Keyw ord s: UAVs, real-time scheduling, time-portability, virtual machine

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